RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/541,086
Source: Pu7/10
Date Processed by STIC: 7/12/05

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PCT

RAW SEQUENCE LISTING   DATE: 07/12/2005
PATENT APPLICATION: US/10/541,086   TIME: 09:58:31

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\07122005\J541086.raw

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   3 <110> APPLICANT: Gallaher, Timothy K
   5 <120> TITLE OF INVENTION: SECRETED PROTEIN FACTOR AND CELL MEMBRANE-BOUND SPLICE
VARIANT
   7 <130> FILE REFERENCE: pct.001
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/541,086
C--> 10 <141> CURRENT FILING DATE: 2005-06-29
  12 <150> PRIOR APPLICATION NUMBER: 60/438,059
  13 <151> PRIOR FILING DATE: 2003-01-02
  15 <160> NUMBER OF SEQ ID NOS: 30
  17 <170> SOFTWARE: PatentIn version 3.2
  19 <210> SEQ ID NO: 1
  20 <211> LENGTH: 254
  21 <212> TYPE: PRT
  22 <213> ORGANISM: Homo sapiens
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  34 Gly Thr Gly Ala Arg Gly Ala Gly Ala Glu Gly Arg Glu Gly Glu Ala
  35          35                  40                  45
  38 Cys Gly Thr Val Gly Leu Leu Leu Glu His Ser Phe Glu Ile Asp Asp
  39      50                  55                  60
  42 Ser Ala Asn Phe Arg Lys Arg Gly Ser Leu Leu Trp Asn Gln Gln Asp
  43 65                  70                  75                  80
  46 Gly Thr Leu Ser Leu Ser Gln Arg Gln Leu Ser Glu Glu Glu Arg Gly
  47                  85                  90                  95
  50 Arg Leu Arg Asp Val Ala Ala Leu Asn Gly Leu Tyr Arg Val Arg Ile
  51              100                 105                 110
  54 Pro Arg Arg Pro Gly Ala Leu Asp Gly Leu Glu Ala Gly Gly Tyr Val
  55          115                 120                 125
  58 Ser Ser Phe Val Pro Ala Cys Ser Leu Val Glu Ser His Leu Ser Asp
  59          130                 135                 140
  62 Gln Leu Thr Leu His Val Asp Val Ala Gly Asn Val Val Gly Val Ser
  63 145                 150                 155                 160
  66 Val Val Thr His Pro Gly Gly Cys Arg Gly His Glu Val Glu Asp Val
  67                  165                 170                 175
  70 Asp Leu Glu Leu Phe Asn Thr Ser Val Gln Leu Gln Pro Pro Thr Thr
  71                  180                 185                 190
  74 Ala Pro Gly Pro Glu Thr Ala Ala Phe Ile Glu Arg Leu Glu Met Glu
  75          195                 200                 205
  78 Gln Ala Gln Lys Ala Lys Asn Pro Gln Glu Gln Lys Ser Phe Phe Ala
  79          210                 215                 220
  82 Lys Tyr Trp His Ile Ile Leu Gly Gly Ala Val Leu Leu Thr Ala Leu
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101 Met Val Ala Ala Ala Pro Ser Arg Ala Arg Gly Ser Gly Cys Arg Val
102                    20                    25                    30
105 Gly Ala Ser Ala Arg Gly Thr Gly Ala Asp Gly Arg Glu Ala Glu Gly
106              35                    40                    45
109 Cys Gly Thr Val Ala Leu Leu Leu Glu His Ser Phe Glu Leu Gly Asp
110        50                    55                    60
113 Gly Ala Asn Phe Gln Lys Arg Gly Leu Leu Leu Trp Asn Gln Gln Asp
114 65                    70                    75                    80
117 Gly Thr Leu Ser Ala Thr Gln Arg Gln Leu Ser Glu Glu Glu Arg Gly
118                    85                    90                    95
121 Arg Leu Arg Asp Val Ala Ala Val Asn Gly Leu Tyr Arg Val Arg Val
122              100                   105                   110
125 Pro Arg Arg Pro Gly Thr Leu Asp Gly Ser Glu Ala Gly Gly His Val
126              115                   120                   125
129 Ser Ser Phe Val Pro Ala Cys Ser Leu Val Glu Ser His Leu Ser Asp
130        130                   135                   140
133 Gln Leu Thr Leu His Val Asp Val Ala Gly Asn Val Val Gly Leu Ser
134 145                   150                   155                   160
137 Val Val Val Tyr Pro Gly Gly Cys Arg Gly Ser Glu Val Glu Asp Glu
138              165                   170                   175
141 Asp Leu Glu Leu Phe Asn Thr Ser Val Gln Leu Arg Pro Pro Ser Thr
142              180                   185                   190
145 Ala Pro Gly Pro Glu Thr Ala Ala Phe Ile Glu Arg Leu Glu Met Glu
146              195                   200                   205
149 Gln Ala Gln Lys Ala Lys Asn Pro Gln Glu Gln Lys Ser Phe Phe Ala
150        210                   215                   220
153 Lys Tyr Trp His Leu Ile Leu Gly Gly Ala Val Leu Leu Thr Ala Leu
154 225                   230                   235                   240
157 Arg Pro Ala Ala Pro Gly Pro Ala Pro Ala Pro Thr Glu Ala
158              245                   250
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162 <211> LENGTH: 262
163 <212> TYPE: PRT
164 <213> ORGANISM: Homo sapiens
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173              20                    25                    30
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176 Gly Thr Gly Ala Arg Gly Ala Gly Ala Glu Gly Arg Glu Gly Glu Ala
177         35                  40                  45
180 Cys Gly Thr Val Gly Leu Leu Leu Glu His Ser Phe Glu Ile Asp Asp
181         50                  55                  60
184 Ser Ala Asn Phe Arg Lys Arg Gly Ser Leu Leu Trp Asn Gln Gln Asp
185 65                  70                  75                  80
188 Gly Thr Leu Ser Leu Ser Gln Arg Gln Leu Ser Glu Glu Glu Arg Gly
189                 85                  90                  95
192 Arg Leu Arg Asp Val Ala Ala Leu Asn Gly Leu Tyr Arg Val Arg Ile
193             100                 105                 110
196 Pro Arg Arg Pro Gly Ala Leu Asp Gly Leu Glu Ala Gly Gly Tyr Val
197         115                 120                 125
200 Ser Ser Phe Val Pro Ala Cys Ser Leu Val Glu Ser His Leu Ser Asp
201         130                 135                 140
204 Gln Leu Thr Leu His Val Asp Val Ala Gly Asn Val Val Gly Val Ser
205 145                 150                 155                 160
208 Val Val Thr His Pro Gly Gly Cys Arg Gly His Glu Val Glu Asp Val
209             165                 170                 175
212 Asp Leu Glu Leu Phe Asn Thr Ser Val Gln Leu Gln Pro Pro Thr Thr
213             180                 185                 190
216 Ala Pro Gly Pro Glu Thr Ala Ala Phe Ile Glu Arg Leu Glu Met Glu
217         195                 200                 205
220 Gln Ala Gln Lys Ala Lys Asn Pro Gln Glu Gln Lys Ser Phe Phe Ala
221         210                 215                 220
224 Lys Tyr Trp Met Tyr Ile Ile Pro Val Val Leu Phe Leu Met Met Ser
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232 Gly Gly Gly Ser Gly Arg
233             260
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237 <211> LENGTH: 258
238 <212> TYPE: PRT
239 <213> ORGANISM: Mus musculus
241 <400> SEQUENCE: 4
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247 Met Val Ala Ala Ala Pro Ser Arg Ala Arg Gly Ser Gly Cys Arg Val
248             20                  25                  30
251 Gly Ala Ser Ala Arg Gly Thr Gly Ala Asp Gly Arg Glu Ala Glu Gly
252         35                  40                  45
255 Cys Gly Thr Val Ala Leu Leu Leu Glu His Ser Phe Glu Leu Gly Asp
256         50                  55                  60
259 Gly Ala Asn Phe Gln Lys Arg Gly Leu Leu Leu Trp Asn Gln Gln Asp
260 65                  70                  75                  80
263 Gly Thr Leu Ser Ala Thr Gln Arg Gln Leu Ser Glu Glu Glu Arg Gly
264             85                  90                  95
267 Arg Leu Arg Asp Val Ala Ala Val Asn Gly Leu Tyr Arg Val Arg Val
268             100                 105                 110
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RAW SEQUENCE LISTING   DATE: 07/12/2005
PATENT APPLICATION: US/10/541,086   TIME: 09:58:31

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\07122005\J541086.raw

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275 Ser Ser Phe Val Pro Ala Cys Ser Leu Val Glu Ser His Leu Ser Asp
276         130                 135                 140
279 Gln Leu Thr Leu His Val Asp Val Ala Gly Asn Val Val Gly Leu Ser
280 145                 150                 155                 160
283 Val Val Val Tyr Pro Gly Gly Cys Arg Gly Ser Glu Val Glu Asp Glu
284                 165                 170                 175
287 Asp Leu Glu Leu Phe Asn Thr Ser Val Gln Leu Arg Pro Pro Ser Thr
288             180                 185                 190
291 Ala Pro Gly Pro Glu Thr Ala Ala Phe Ile Glu Arg Leu Glu Met Glu
292         195                 200                 205
295 Gln Ala Gln Lys Ala Lys Asn Pro Gln Glu Gln Lys Ser Phe Phe Ala
296         210                 215                 220
299 Lys Tyr Trp Met Tyr Ile Ile Pro Val Val Leu Phe Leu Met Met Ser
300 225                 230                 235                 240
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304                 245                 250                 255
307 Ser Arg
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312 <211> LENGTH: 1962
313 <212> TYPE: DNA
314 <213> ORGANISM: Homo sapiens
317 <220> FEATURE:
318 <221> NAME/KEY: CDS
319 <222> LOCATION: (47)..(811)
321 <400> SEQUENCE: 5
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323                                                      Met Ala Ala
324                                                      1
326 gcc agc gct ggg gca acc cgg ctg ctc ctg ctc ttg ctg atg gcg gta   103
327 Ala Ser Ala Gly Ala Thr Arg Leu Leu Leu Leu Leu Leu Met Ala Val
328     5                   10                  15
330 gca gcg ccc agt cga gcc cgg ggc agc ggc tgc cgg gcc ggg act ggt   151
331 Ala Ala Pro Ser Arg Ala Arg Gly Ser Gly Cys Arg Ala Gly Thr Gly
332 20                  25                  30                  35
334 gcg cga ggg gct ggg gcg gaa ggt cga gag ggc gag gcc tgt ggc acg   199
335 Ala Arg Gly Ala Gly Ala Glu Gly Arg Glu Gly Glu Ala Cys Gly Thr
336             40                  45                  50
338 gtg ggg ctg ctg ctg gag cac tca ttt gag atc gat gac agt gcc aac   247
339 Val Gly Leu Leu Leu Glu His Ser Phe Glu Ile Asp Asp Ser Ala Asn
340             55                  60                  65
342 ttc cgg aag cgg ggc tca ctg ctc tgg aac cag cag gat ggt acc ttg   295
343 Phe Arg Lys Arg Gly Ser Leu Leu Trp Asn Gln Gln Asp Gly Thr Leu
344         70                  75                  80
346 tcc ctg tca cag cgg cag ctc agc gag gag gag cgg ggc cga ctc cgg   343
347 Ser Leu Ser Gln Arg Gln Leu Ser Glu Glu Glu Arg Gly Arg Leu Arg
348     85                  90                  95
350 gat gtg gca gcc ctg aat ggc ctg tac cgg gtc cgg atc cca agg cga   391
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351 Asp Val Ala Ala Leu Asn Gly Leu Tyr Arg Val Arg Ile Pro Arg Arg
352 100                     105               110               115
354 ccc ggg gcc ctg gat ggc ctg gaa gct ggt ggc tat gtc tcc tcc ttt     439
355 Pro Gly Ala Leu Asp Gly Leu Glu Ala Gly Gly Tyr Val Ser Ser Phe
356                 120               125               130
358 gtc cct gcg tgc tcc ctg gtg gag tcg cac ctg tcg gac cag ctg acc     487
359 Val Pro Ala Cys Ser Leu Val Glu Ser His Leu Ser Asp Gln Leu Thr
360                 135               140               145
362 ctg cac gtg gat gtg gcc ggc aac gtg gtg ggc gtg tcg gtg gtg acg     535
363 Leu His Val Asp Val Ala Gly Asn Val Val Gly Val Ser Val Val Thr
364         150               155               160
366 cac cct ggg ggc tgc cgg ggc cat gag gtg gag gac gtg gac ctg gag     583
367 His Pro Gly Gly Cys Arg Gly His Glu Val Glu Asp Val Asp Leu Glu
368     165               170               175
370 ctg ttc aac acc tcg gtg cag ctg cag ccg ccc acc aca gcc cca ggc     631
371 Leu Phe Asn Thr Ser Val Gln Leu Gln Pro Pro Thr Thr Ala Pro Gly
372 180               185               190               195
374 cct gag acg gcg gcc ttc att gag cgc ctg gag atg gaa cag gcc cag     679
375 Pro Glu Thr Ala Ala Phe Ile Glu Arg Leu Glu Met Glu Gln Ala Gln
376                 200               205               210
378 aag gcc aag aac ccc cag gag cag aag tcc ttc ttc gcc aaa tac tgg     727
379 Lys Ala Lys Asn Pro Gln Glu Gln Lys Ser Phe Phe Ala Lys Tyr Trp
380                 215               220               225
382 cac atc atc ctg ggg ggg gcc gtg ttg ctc aca gcc ctg cgt cct gct     775
383 His Ile Ile Leu Gly Gly Ala Val Leu Leu Thr Ala Leu Arg Pro Ala
384             230               235               240
386 gcg cca ggg ccc gcg cca ccg cca cag gag gcc tga tggatgtaca           821
387 Ala Pro Gly Pro Ala Pro Pro Pro Gln Glu Ala
388     245               250
390 tcattcccgt cgtcctgttc ctcatgatgt caggagcgcc agacgccggg ggccagggtg    881
392 ggggtggggg tgggggtggt ggtgggggta gtggccggtg agggcccagg ctggtcagcg    941
394 tcccgtcttg cacacccagg ggcctccctt tctgctggag tcccctgtgt cctcagccat   1001
396 cccaagaagg gtttgctagt ccctcctttc cccccgtccc acgaggccac ctgggccagc   1061
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424 caactgttgt tttggcaaga cggtcctgat gtacaagctt gattgaaatt cactgctcac   1901
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428 g                                                                   1962
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VERIFICATION SUMMARY DATE: 07/12/2005
PATENT APPLICATION: **US/10/541,086** TIME: 09:58:32

Input Set : **A:\Sequence Listing.txt**
Output Set: **N:\CRF4\07122005\J541086.raw**

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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date